

Notice of Allowability

Application No.

10/723,470

Applicant(s)

RICHARDS ET AL.

Examiner

MARY STEELMAN

Art Unit

2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/12/2007, 8/2/2007.
2. ☒ The allowed claim(s) is/are 1-14 (renumbered in order).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>8/2/2007</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

1. This Office Action is in response to Amendments to the Specification, Claims and Remarks received 07/12/2007. Per Applicant's request, claims 1, 2, 5, 6, 9, and 10 are amended. The Specification is amended.

Specification

2. In view of the amendment to the Specification, the prior objections are hereby withdrawn.

Claim Rejections - 35 USC § 112

3. In view of the amendments to the claims, the prior second paragraph of 35 U.S.C. 112 rejection is hereby withdrawn.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mark D. Simpson, Reg. No. 32,943 on 08/02/2007 and 08/04/2007.

Claims 1-12 are amended. New claims 13 & 14 have been added. The application has been amended as follows:

In the Claims

1. (Currently amended) A method of enabling an ant XML ~~task~~ build file, created using an ant ~~the Apache ANT~~ build tool, ~~running on a first server~~ to be useable in both a grid and non-grid environment without user modification, and deployed on a grid-enabled client, comprising the steps of:

storing ant-parseable files referred to by said ant XML ~~task~~ build file on a ~~second~~ network file server coupled to said grid-enabled client; and

configuring said ant XML ~~task~~ build file to direct a processor processing said ant XML ~~task~~ build file to search said ~~second~~ network file server for said ant-parseable files;

whereby, when said ~~first server~~ processor processing said ant XML build file has access to a grid environment and reads a command line argument in said ant XML build file that includes an address of a scheduler, said ant-parseable files are scheduled by said scheduler for grid processing.

2. (Currently amended) The method of claim 1, further comprising the step of:

configuring said ant-parseable files to generate individual ant XML ~~task~~ build files, each of which are processable as jobs by a grid processing system, prior to storing said ant-parseable files on said ~~second~~ network file server.

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3. (Currently amended) The method of claim 2, whereby when said ~~second~~ network file server does not have access to a grid environment, said ant-parseable files are processed by said first-server processor processing said ant XML build file.

4. (Currently amended) The method of claim 1, further comprising the step of:
sending a status indication to said first-server processor processing said ant XML build file after the completion of grid processing of each of said ant-parseable files, said status indication indicating at least the completion of the processing and any errors occurring during the processing.

5. (Currently amended) A computer-implemented system for enabling an ant XML task build file, created using an ant ~~the apache~~ ANT build tool, ~~running on a first-server~~ to be useable in both a grid and non-grid environment without user modification, and deployed on a grid-enabled client, comprising:

means for storing ant-parseable files referred to by said ant XML task build file on a second network file server coupled to said grid-enabled client; and

means for configuring said ant XML task build file to direct a processor processing said ant XML task build file to search said first network file server for said ant-parseable files;

whereby, when said first-server processor processing said ant XML build file has access to a grid environment and reads a command line argument in said ant XML build file that includes an address of a scheduler, said ant-parseable files are scheduled by said scheduler for grid processing.

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6. (Currently amended) The system of claim 5, further comprising:

means for configuring said ant-parseable files to generate individual ant XML ~~task~~ build files, each of which are processable as jobs by a grid processing system, prior to storing said ant-parseable files on said ~~second~~ network file server.

7. (Currently amended) The system of claim 6, whereby when said ~~second~~ network file server does not have access to a grid environment, said ant-parseable files are processed by said ~~first-server~~ processor processing said ant XML build file.

8. (Currently amended) The system of claim 5, further comprising:

means for sending a status indication to said ~~first-server~~ processor processing said ant XML build file after the completion of grid processing of each of said ant-parseable files, said status indication indicating at least the completion of the processing and any errors occurring during the processing.

9. (Currently amended) A computer program product for enabling an ant XML-~~task~~ build file, created using an ant the Apache-ANT build tool, ~~running on a first-server~~ to be useable in both a grid and non-grid environment without user modification, and deployed on a grid-enabled client, the computer program product comprising a computer-readable storage medium having computer-readable program code embodied in the medium, the computer-readable program code comprising:

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computer-readable program code that stores ant-parseable files referred to by said ant XML task build file on a ~~second~~ network file server coupled to said grid-enabled client; and

computer-readable program code that configures said ant XML task build file to direct a processor processing said ant XML task build file to search said ~~first~~ network file server for said ant-parseable files;

whereby, when said ~~first-server~~ processor processing said ant XML build file has access to a grid environment and reads a command line argument in said ant XML build file that includes an address of a scheduler, said ant-parseable files are scheduled by said scheduler for grid processing.

10. (Currently amended) The computer program product of claim 9, further comprising:
computer-readable program code that configures said ant-parseable files to generate individual ant XML task build files, each of which are processable as jobs by a grid processing system, prior to storing said ant-parseable files on said ~~second~~ network file server.

11. (Currently amended) The computer program product of claim 10, whereby when said ~~second~~ network file server does not have access to a grid environment, said ant-parseable files are processed by said ~~first-server~~ processor processing said ant XML build file.

12. (Currently amended) The computer program product of claim 9, further comprising:
computer-readable program code that sends a status indication to said ~~first-server~~ processor processing said ant XML build file after the completion of grid processing of each of said ant-

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parseable files, said status indication indicating at least the completion of the processing and any errors occurring during the processing.

13. (New) The method of claim 1, wherein said processor processing said ant XML build file comprises said grid-enabled client.

14. (New) The system of claim 5, wherein said processor processing said ant XML build file comprises said grid-enabled client.

THE END

Allowable Subject Matter

5. Claims 1-14 (to be renumbered in order) are allowed.
6. The following is an examiner's statement of reasons for allowance:
7. Regarding independent claims 1, 5, and 9, Bernardin, Xu, and other cited prior art, taken alone or in combination fail to disclose:

“when said processor processing said ant XML build file has access to a grid environment and reads a command line argument in said ant XML build file that includes an address of a scheduler, said ant-parseable files are scheduled by said scheduler for grid processing.”

Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention.

Thus, all remaining dependent claims, claims 2-4, 6-8, and 10-14, are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Steelman, whose telephone number is (571) 272-3704. The examiner can normally be reached Monday through Thursday, from 7:00 AM to 5:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached at (571) 272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Steelman

08/05/2007

MARY STEELMAN
PRIMARY EXAMINER

